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ABSTRACT

Sample class profile record sheets, student profile record sheets, and diagnostic and mastery tests are included for level 4 of the Mountain View School District Bilingual Diagnostic-Prescriptive Mathematics Program. (MN)

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MOUNTAIN VIEW SCHOOL DISTRICT

TITLE III

CLASS PROFILE

LEVEL 4

SE 024 213

Title III Class Profile 4
MOUNTAIN VIEW SCHOOL DISTRICT

Teacher_____ Room No._____

4.0100: NUMBER AND NUMERICAL CONCEPTS:
4.0101: Number patterns
4.0102: Equations
4.0200: MEASUREMENT:
4.0201: Area
4.0202: Measurement of temperature change
4.0300: GEOMETRY:
4.0301: Polygons (trapezoid, parallelogram)
4.0302: Altitude
4.0400: ADDITION:
4.0401: Columnar, 1 to 4 digit addends, renaming to 1,000's
4.0402: Columnar, 4 and 5 digits, renaming
4.0403: Word Problems
4.0500: SUBTRACTION:
4.0501: 1 digit from multiples of 100
4.0502: Subtraction of 4 digit numbers, renaming
4.0503: Word problems
4.0600: MULTIPLICATION:
4.0601: 2 digit by 2 digit numbers, factors between 10 and 20, renaming
4.0602: 2 digits by 2 digits, renaming
4.0603: 3 digits by 2 digits, renaming
4:0604: Word problems
4.0700: DIVISION:
4.0701: 4 and 5 digit numbers by 1 digit, with and without remainders
4.0702: 2 digit by 2 digit, with and without remainders
4.0703: 3 digit by 2 digit, with and without remainders

4.0704: Word problems									
4.0800: ADDITION OF FRACTIONS:									
4.0801: Like denominators, mixed numbers, sum renamed as mixed numbers									
4.0802: Unlike denominators, sums in simplest form									
4.0803: Mixed numbers, unlike denominators, sums in simplest form									
4.0900: SUBTRACTION OF FRACTIONS:									
4.0901: Unlike denominators, answers in simplest form									
4.0902: Fraction from mixed number, regroup the minuend, answer in simplest form									
4.0903: Mixed number from mixed number, like denominators, regroup the minuend, answer in simplest form									
4.1000: MULTIPLICATION OF FRACTIONS:									
4.1001: Fraction with numerator of 1 by whole number									
4.1002: Fraction by a fraction, numerators of 1									
4.1003: Fraction with numerator more than 1 by fraction with numerator more than 1, renaming									
4.1100: DIVISION OF FRACTIONS:									
4.1101: Fraction by fraction, numerators of 1									
4.1102: Whole number by a fraction									
4.1103: Fraction by a fraction, renaming									
4.1200: ADDITION OF DECIMAL FRACTIONS:									
4.1201: Mixed decimal plus mixed decimal, to tenths, no renaming									
4.1202: Mixed decimal plus mixed decimal, to tenths, renaming									
4.1203: Mixed decimal plus mixed decimal, to hundredths, no renaming									
4.1204: Word problems									
4.1300: SUBTRACTION OF DECIMAL FRACTIONS:									
4.1301: Mixed numbers, to tenths, no renaming									
4.1302: Mixed numbers to tenths, renaming									
4.1303: Word problems									

TITLE III STUDENT PROFILE

NAME _____ + MASTERY

DATE _____

TEACHER _____ O NON-MASTERY

LEVEL 4

4.0100: Number and Numerical Concepts:

4.0101: Number patterns . . . . . _____

4.0102: Equations . . . . . _____

4.0200: Measurement:

4.0201: Area . . . . . _____

4.0202: Measurement of temperature change . . . . . _____

4.0300: Geometry:

4.0301: Polygons (trapezoid, parallelogram) . . . . . _____

4.0302: Altitude . . . . . _____

4.0400: Addition:

4.0401: Columnar, 1 to 4 digit addends, renaming to 1,000's . . . . . _____

4.0402: Columnar, 4 and 3 digits, renaming . . . . . _____

4.0403: Word problems . . . . . _____

4.0500: Subtraction:

4.0501: 1 digit from multiples of 100 . . . . . _____

4.0502: Subtraction of 4 digit numbers, renaming . . . . . _____

4.0503: Word problems . . . . . _____

4.0600: Multiplication:

4.0601: 2 digit by 2 digit numbers, factors between 10 and 20, renaming . . . . . _____

4.0602: 2 digits by 2 digits, renaming . . . . . _____

4.0603: 3 digits by 2 digits, renaming . . . . . _____

4.0604: Word problems. . . . . _____

Level 4 - Continued

4.0700: Division:

4.0701: 4 and 5 digit numbers by 1 digit, with and without remainders . . . . . _____

4.0702: 2 digit by 2 digit, with and without remainders . _____

4.0703: 3 digit by 2 digit, with and without remainders . _____

4.0704: Word problems . . . . . _____

4.0800: Addition of Fractions

4.0801: Like denominators, mixed numbers, sum renamed as mixed numbers . . . . . _____

4.0802: Unlike denominators, sums in simplest form . . . _____

4.0803: Mixed numbers, unlike denominators, sums in simplest form . . . . . _____

4.0900: Subtraction of Fractions:

4.0901: Unlike denominators, answers in simplest form . . _____

4.0902: Fraction from mixed number, regroup the minuend, answer in simplest form. . . . . _____

4.0903: Mixed number from mixed number, like denominators, regroup the minuend, answer in simplest form . . . . . _____

4.1000: Multiplication of Fractions:

4.1001: Fraction with numerator of 1 by whole number . . . _____

4.1002: Fraction by a fraction, numerators of 1. . . . . _____

4.1003: Fraction with numerator more than 1 by fraction with numerator more than 1, renaming. . . _____

4.1100: Division of Fractions:

4.1101: Fraction by fraction, numerators of 1. . . . . _____

4.1102: Whole number by a fraction . . . . . _____

4.1103: Fraction by a fraction, renaming . . . . . _____

Level 4 - Continued

4.1200: Addition of Decimal Fractions:

4.1201: Mixed decimal plus mixed decimal, to tenths, no renaming. . . . . ._____

4.1202: Mixed decimal plus mixed decimal, to tenths, renaming . . . . . ._____

4.1203: Mixed decimal plus mixed decimal, to hundredths, no renaming. . . . . ._____

4.1204: Word problems. . . . . ._____

4.1300: Subtraction of Decimal Fractions:

4.1301: Mixed numbers, to tenths, no renaming. . . . . ._____

4.1302: Mixed numbers to tenths, renaming. . . . . ._____

4.1303: Word problems. . . . . ._____

MOUNTAIN VIEW SCHOOL DISTRICT
Diagnostic Math Test

Examen diagnóstico de matemáticas

Level 4
Nivel

4.0101: Which numeral would come next in this number pattern?

¿Qué número sigue esta serie numérica?

1

1,3,2,4,3,5,4,6,5,7,_?_

A	B	C	D
8	7	6	5

4.0102: What number could you put in the box to make a true number sentence?

2

¿Qué número puedes poner en el cuadro para hacer una oración que es correcta?

7 - ☐ = 5

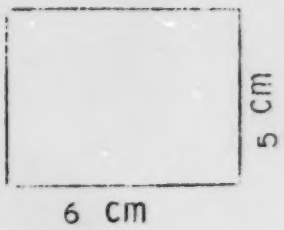
A	B	C	D
2	4	8 7	3

4.0201: 3

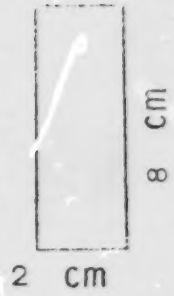
Which rectangle has an area of 36 square centimeters?

¿Qué rectángulo tiene el área de 36 centímetros cuadrados?

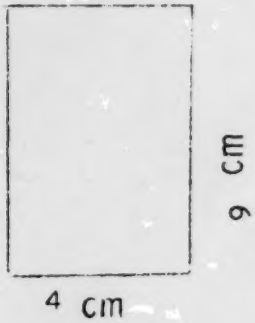
A



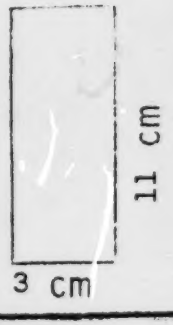
B



C



D



4.0202: 4

Yesterday, the temperature at the North Pole was 4° below zero. If the temperature rises 5°, what would the temperature be?

Ayer en el polo norte la temperatura bajó hasta cero grados menos cuatro. Si la temperatura sube cinco grados más, ¿cuál es la temperatura?

A	B	C	D
-2°	-1°	+1°	-5°

4.0301: Which polygon has six sides?

5 ¿Qué polígono tiene seis lados?

A	B	C	D
hexagon	pentagon	octagon	rectangle
hexágono	pentágono	octágono	rectángulo

4.0302: Mark the picture that shows the altitude of a triangle.

6 Marca el cuadro que tiene la altitud del triángulo.

A

B

C

D

4.0401: Find the sum.

7 Halla la suma.

$$\begin{array}{r} 1{,}068 \\ 4{,}603 \\ 666 \\ +2{,}543 \\ \hline \end{array}$$

A	B	C	D
880	8,977	8,880	7,779

4.0402:

8 Find the sum.
Halla la suma.

$$\begin{array}{r} 73,068 \\ 4,609 \\ 84,752 \\ +\ 6,666 \\ \hline \end{array}$$

A	B	C	D
69,095	69,094	169,095	166,068

4.0403:

9 The Morales brothers took a vacation. On the first day, they drove 535 kilometers. On the second day, they drove 428 kilometers. On the third day, they drove 106 kilometers. How many kilometers did they drive in all.

Los hermanos Morales fueron de vacaciones. El primer día manejaron 535 kilómetros. El segundo día manejaron 428 kilómetros. El tercer día manejaron 106 kilómetros. ¿Cuántos kilómetros manejaron en total?

A	B	C	D
1,059 km.	1,169 km.	79 km.	1,069 km.

4.0501: Find the difference.
10 Halla la diferencia.

$$\begin{array}{r} 700 \\ -9 \\ \hline \end{array}$$

A 709 B 609 C 691 D 619

4.0502: Find the difference.
11 Halla la diferencia.

$$\begin{array}{r} 5,060 \\ -2,978 \\ \hline \end{array}$$

A 3,978 B 3,918 C 2,112 D 2,082

4.0503: Mary made 75 cookies for a party. After the party, 17 cookies were left. How many cookies were eaten?
12

María hizo 75 galletas para una fiesta. Se acabó la fiesta y le sobraron 17 galletas. ¿Cuánta galletas fueron comidas?

A 62 B 52 C 82 D 58

13

4.0601: Find the product.
Halla el producto.

$$\begin{array}{r} 17 \\ \times 18 \\ \hline \end{array}$$

A	B	C	D
35	1	156	306

14

4.0602: Find the product.
Halla el producto.

$$\begin{array}{r} 27 \\ \times 19 \\ \hline \end{array}$$

A	B	C	D
133	380	513	2,719

15

4.0603: Find the product.
Halla el producto.

$$\begin{array}{r} 348 \\ \times 48 \\ \hline \end{array}$$

A	B	C	D
16,704	674	2,784	13,290

4.0604:
16

One math book has 214 pages. How many pages in 32 math books?

Un libro de matemáticas tiene 214 páginas. ¿Cuántas páginas tienen 32 libros?

A	B	C	D
6,748	846	6,848	6,838

4.0701:
17

Find the quotient.
Halla el cociente.

$6\overline{)8,637}$

A	B	C	D
1,409	1,430 r3	1,106	1,439 r3

4.0702:
18

Find the quotient.
Halla el cociente.

$23\overline{)97}$

A	B	C	D
43	4 r5	13 r6	74

4.0703:
19

Find the quotient.
Halla el cociente.

$46\overline{)972}$

A	B	C	D
12 r2	23	21 r6	214 r7

4.0704:
20

Alice made 40 pieces of fudge. If she puts 8 pieces in a bag, how many bags can she fill?

Alicia hizo 40 dulces de chocolate. Si pone 8 dulces in cada bolsa, ¿cuántas bolsas puede llenar?

A	B	C	D
15	6	8	5

4.0801:
21

Find the sum.
Halla la suma. $5\frac{3}{4} + 6\frac{3}{4} = ?$

A	B	C	D
$12\frac{1}{2}$	$11\frac{1}{2}$	$12\frac{6}{8}$	$56\frac{3}{4}$

4.0802:
22

Find the sum.
Halla la suma. $\frac{3}{4} + \frac{6}{8} = ?$

A	B	C	D
$1\frac{1}{2}$	$2\frac{1}{2}$	$1\frac{1}{8}$	$\frac{9}{12}$

4.0803: Find the sum.
23 Halla la suma.

$4\frac{1}{3} + 3\frac{2}{6} = ?$

A	B	C	D
$7\frac{3}{9}$	$7\frac{2}{3}$	$8\frac{8}{9}$	$\frac{4}{6}$

4.0901: Find the difference.
24 Halla la diferencia.

$\frac{6}{8} - \frac{2}{4} = ?$

A	B	C	D
$\frac{4}{4}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{2}{4}$

4.0902: Find the difference.
25 Halla la diferencia.

$8\frac{1}{3} - \frac{5}{6} = ?$

A	B	C	D
$8\frac{4}{3}$	$7\frac{4}{6}$	$7\frac{1}{2}$	$\frac{4}{3}$

4.0903: 26

Find the difference. $8\frac{1}{6} - 3\frac{5}{6}$

Halla la diferencia.

A	B	C	D
$5\frac{4}{6}$	$5\frac{3}{4}$	$4\frac{1}{3}$	$11\frac{4}{6}$

4.1001: 27

Find the product. $6 \times \frac{1}{2} = ?$

Halla el producto.

A	B	C	D
3	12	$\frac{1}{12}$	$\frac{1}{2}$

4.1002: 28

Find the product. $\frac{1}{3} \times \frac{1}{5} = ?$

Halla el producto.

A	B	C	D
$\frac{2}{8}$	$\frac{1}{3}$	$\frac{1}{15}$	$\frac{2}{5}$

4.1003: 29

Find the product. $\frac{2}{4} \times \frac{3}{6} = ?$

Halla el producto.

A	B	C	D
$\frac{5}{10}$	$\frac{3}{6}$	$\frac{1}{4}$	$\frac{12}{12}$

4.1101: Find the quotient.
30 Halla el cociente. $\frac{1}{2} \div \frac{1}{4} = ?$

A	B	C	D
$\frac{1}{8}$	$\frac{2}{6}$	2	$\frac{1}{2}$

4.1102: Find the quotient.
31 Halla el cociente. $6 \div \frac{1}{2} = ?$

A	B	C	D
3	7	12	$\frac{7}{2}$

4.1103: Find the quotient.
32 Halla el cociente. $\frac{2}{3} \div \frac{1}{6} = ?$

A	B	C	D
$\frac{2}{18}$	$\frac{3}{9}$	$\frac{2}{9}$	4

4.1201: Find the sum.
33 Halla la suma.

$$\begin{array}{r} 3.6 \\ +\ 1.2 \\ \hline \end{array}$$

A	B	C	D
.48	48.018	4.8	480

4.1202: 34

Find the sum.

Halla la suma.

$$\begin{array}{r} 4.7 \\ +\,3.8 \\ \hline \end{array}$$

A	B	C	D
.85	850	8.5	85.0

4.1203: 35

Find the sum.

Halla la suma.

$$\begin{array}{r} 4.32 \\ +\,3.31 \\ \hline \end{array}$$

A	B	C	D
763.0	76.3	.763	7.63

4.1204: 36

John walked .3 kilometers on Monday. On Tuesday, he walked .6 kilometers. On Wednesday, he walked .2 kilometers. How far did he walk in all?

El lunes Juan anduvo .3 kilómetros. El martes anduvo .6 kilómetros. El miércoles anduvo .2 kilómetros. ¿Qué distancia anduvo en total?

A	B	C	D
11 km.	1.1 km.	.11 km.	.011 km.

4.1301: 37

Find the difference.
Halla la diferencia.

$$\begin{array}{r} 4.6 \\ -\ 2.4 \\ \hline \end{array}$$

A	B	C	D
22	2.2	220	.022

4.1302: 38

Find the difference.
Halla la diferencia.

$$\begin{array}{r} 3.7 \\ -\ 1.8 \\ \hline \end{array}$$

A	B	C	D
.19	.019	19.0	1.9

4.1303: 39

Tommy rode his bike 7.8 kilometers on Saturday. On Sunday he rode 3.9 kilometers. How much farther did he ride on Saturday than on Sunday?

El sábado Tomás anduvo en su bicicleta 7.8 kilómetros. El doming anduvo 3.9 kilómetros. ¿Cuántos kilómetros más anduvo el sábado que el domingo?

A	B	C	D
10.17 km	4.9 km	4.1 km	3.9 k

Level 4
Mastery Test

4.0101: Finish the number patterns below.
Completa estas series numéricas.

1) 1, 1, 2, 3, 5, 8, 13, 21, 34, __,

__, __, __

2) 2, 4, 2, 8, 4, 16, 8, 32, __, __,

__, __

3) 4, 7, 12, 19, __, __, __, __, __

4) 6, 11, 7, 12, 8, 13, __, __, __,

__, __, __, __, __,

MASTERY TEST
Level 4

4.0102: Solve these equations.

Resuelve estas ecuaciones.

1) $\square + 7 = 9$

$8 + 7 = \square$

$3 + \square = 7$

2) $6 + \square = 6$

$\square + 0 = 5$

$33 \div \square = 3$

3) $n + 1 + 5 = 9$

$n = \square$

Level 4

Mastery Test

4.0102: Solve each equation.

Resuelve estes ecuaciones.

3) $5 - \square = 2$

$\square - 2 = 7$

4) If a = 3, b = 6 and c = 2

Which equation is correct? Circle the correct one.

¿Qué ecuación es correcta? Haz un círculo alrededor de la ecuación correcta.

a - b = c

b + a = c

c - a = b

b x c = a

b ÷ c = a

Level 4

Mastery Test

5) Solve each equation.

Resuelve estas ecuaciones.

$x - z = y$

If $x = 8$, $z = 3$ then $y =$ $\square$

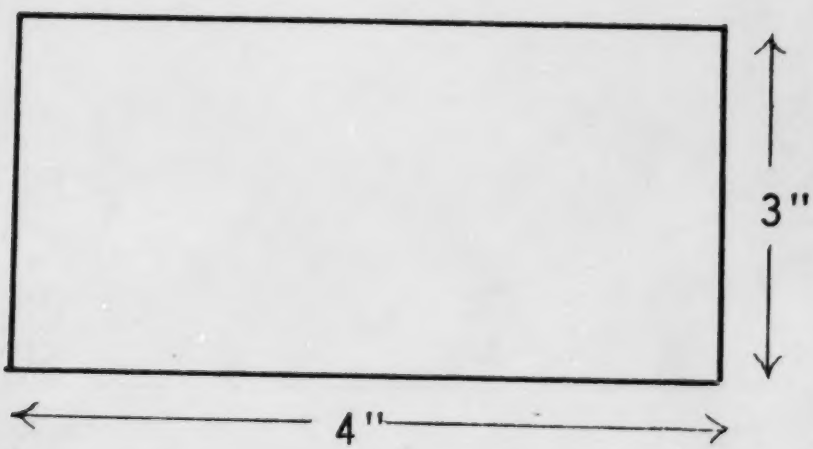
Level 4
Mastery Test

4.0201:

1) Find the area of the square.
Halla el área del cuadrado.

_____

2) Find the area of the figure below.
Halla el área de la figura de abajo.



_____

Level 4

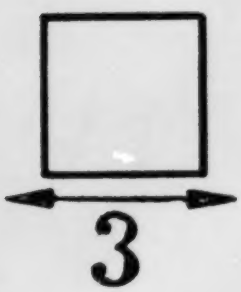
Mastery Test

4.0201:

3) Which square has the same number for the area and perimeter?

¿En qué cuadrado es el numeral del área igual al numeral del perímetro?

A.



B.

C.

Level 4

Mastery Test

4.0202:

1) The temperature at 6:00 o'clock in the morning was 4° below 0. The temperature at noon was 54°. How many degrees did the temperature change from 6:00 o'clock to 12:00 o'clock?

_____

A las 6 de la mañana la temperatura bajó 4° bajo 0. A las doce la temperatura subió 54° sobre 0. ¿Cuántos grados cambió la temperatura de las 6 hasta las doce?

_____

2) If the temperature dropped 6 degrees from 3 degrees above 0, what would the temperature be?

_____

De 3 grados sobre 0, bajó la temperatura 6 grados. ¿Cuál es la temperatura?

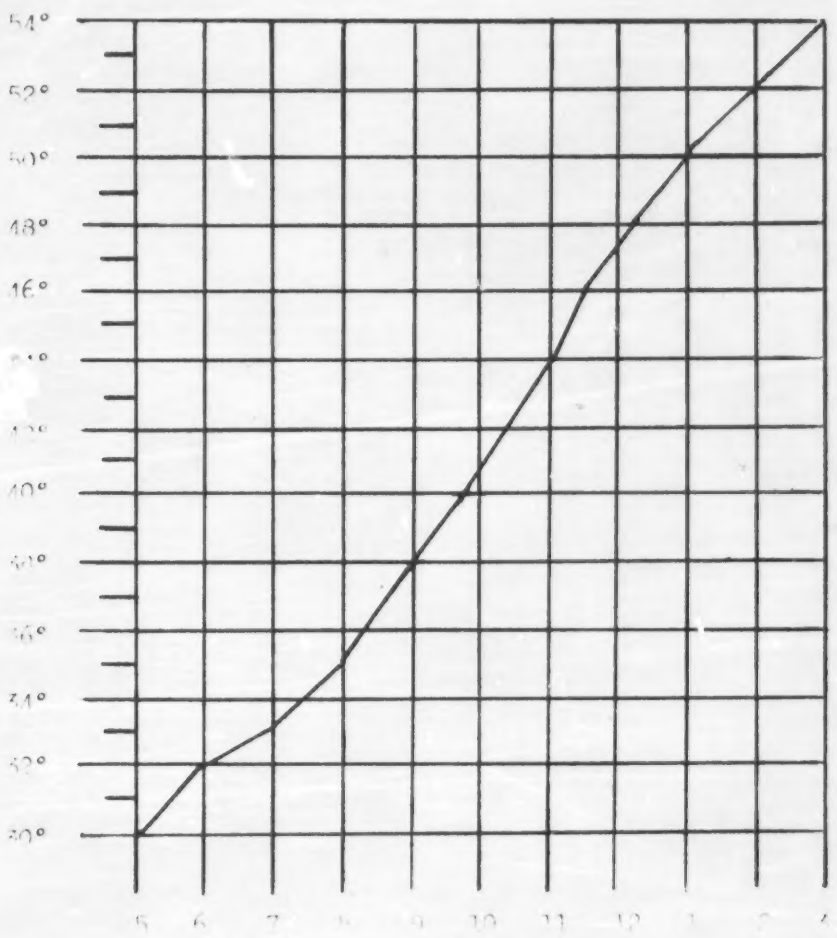
_____

Level 4
Mastery Test

4.0202:

3) The graph below shows the temperature from 5:00 o'clock in the morning to 3:00 o'clock in the afternoon.

El diagrama que está abajo representa la temperatura de las 5 de la mañana hasta las 3 de la tarde.



A.M
la mañana

Noon
el mediodía

Level 4
Mastery Test

4.0202:

3) a) What was the temperature at 6:00 o'clock?

¿Cuál fue la temperatura a las 6?

_____

b) What was the temperature at 8:00 o'clock?

¿Cuál fue la temperature a las 8?

_____

c) How many degrees change was there between 10:00 o'clock and 3:00 o'clock?

De las 10 hasta las 3, ¿cuántos grados cambió la temperatura?

_____

Level 4
Mastery Test

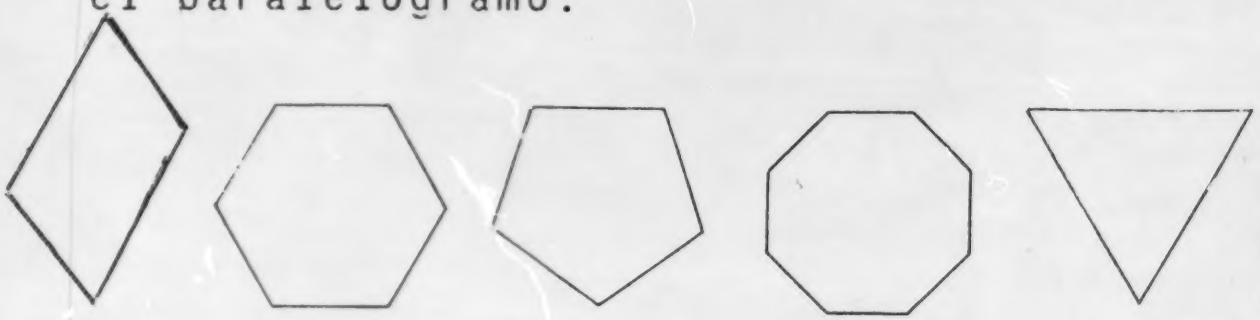
4.0301:

1) Mark an "X" in the figure that is called a trapezoid.

Marca una "x" en la figura que se llama el trapecio.

2) Mark an "X" in the figure that is called a parallelogram.

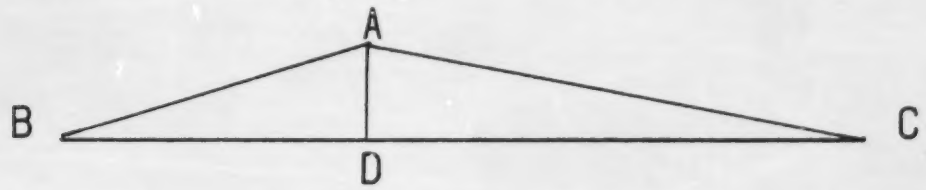
Marca una "x" en la figura que se llama el paralelogramo.



Level 4
Mastery Test

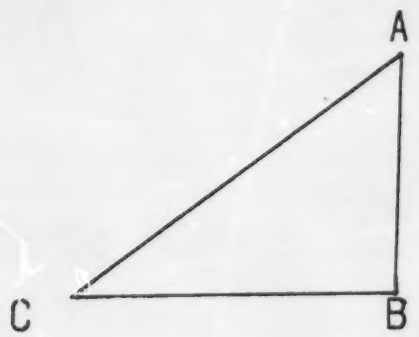
4.0302:

1) Which line segment is the altitude?
¿Cuál segmento es la altitud?



A.	B.	C.	D.
$\overline{AB}$	$\overline{BC}$	$\overline{AD}$	$\overline{AC}$

2) Which line segment is the altitude of the triangle.
¿Cuál segmento es la altitud?



A.	B.	C.	D.
$\overline{AC}$	$\overline{AB}$	$\overline{CB}$	none ninguno

Level 4

Mastery Test

4.0401:

Find the sums.
Halla las sumas.

4,527	3,219	67
349	5	43
+ 680	674	86
	+ 5,588	+ 92

1,779	309
3,636	697
1,008	83
+ 336	+ 4

Level 4

Mastery Test

4.0402:

Find the sums.
Halla las sumas.

84,527	49,848	7,846
10,032	19,534	4,774
42,690	23,794	9,803
+ 18,077	+ 39,822	+ 2,568

6,836	45,732
3,942	34,507
1,557	40,662
+ 1,008	10,008
	+ 21,649

Level 4
Mastery Test

4.0403:

1) The speed of light is about 186,000 miles a second.
How far would light travel in 2 seconds?

La velocidad de un rayo es casi 186,000 millas por segunda. ¿Cuántas millas va un rayo en 2 segundos?

_____

2) If it is about 250,000 miles to the moon. How far would you travel to the moon and back?

Del mundo hasta la luna es una distancia de 250,000 millas. ¿Cuántas millas irías de ida y de vuelta.

_____

Level 4
Mastery Test

4.0501:

Find the differences.
Halla las diferencias.

$$\begin{array}{r} 500 \\ -\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 300 \\ -\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 100 \\ -\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ -\ 9 \\ \hline \end{array} \qquad \begin{array}{r} 700 \\ -\ 4 \\ \hline \end{array}$$

Level 4
Mastery Test

4.0502:

Find the differences.
Halla las diferencias.

3,066	5,332	4,627
- 2,187	- 5,577	- 2,498

5,340	8,524
- 1,694	- 4,688

Level 4
Mastery Test

4.0503:

1) Subtract 4 yards, 9 ft. and 10 inches from 9 yards, 7 ft. and 3 inches.

De 9 yardas, 7 pies, y 3 pulgadas resta 4 yardas, 9 pies, y 10 pulgadas.

_____

2) Ruben saved $241.00 in three years. He spent $63.47 of his savings. How much money did he have left?

En tres años Rubén ahorró $241.00. Gastó $63.47. ¿Cuánto dinero le sobró?

_____

Level 4
Mastery Test

4.0601:

Find the products.
Halla los productos.

14	17	12
x13	x14	x12

15	18
x13	x17

Level 4
Mastery Test

4.0602:

Find the products.
Halla los productos.

$$\begin{array}{r} 89 \\ \times\ 64 \\ \hline \end{array} \qquad \begin{array}{r} 48 \\ \times\ 56 \\ \hline \end{array} \qquad \begin{array}{r} 73 \\ \times\ 86 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ \times\ 36 \\ \hline \end{array} \qquad \begin{array}{r} 72 \\ \times\ 88 \\ \hline \end{array}$$

Level 4
Mastery Test

4.0603:

Find the products.
Halla los productos.

394	375	604
X 46	X 38	X 67

456	589
X 75	X 78

MASTERY TEST

Level 4

4.0604:

1) There are 365 days in one year. How many days in 8 years?

   En un año hay 365 días. ¿Cuántos días en 8 años?

---

2) There are 9 bags of cookies. There are 7 cookies in each bag. How many cookies altogether?

   Hay 9 bolsas. En cada bolsa están 7 galletas. ¿Cuántas galletas en total?

---

3) One math book has 398 pages. How many pages in 37 math books?

   Un libro de matemáticas tiene 398 páginas. ¿Cuántas páginas tienen 37 libros?

Level 4
Mastery Test

4.0701:

Find the quotient.
Halla los cocientes.

$8\overline{)40,008}$ $4\overline{)89,620}$ $7\overline{)27,645}$

$5\overline{)38,403}$ $6\overline{)3,618}$

Level 4

Mastery Test

4.0702:

Find the quotients.
Halla los cocientes.

$27\overline{)88}$ $13\overline{)78}$ $12\overline{)75}$

$24\overline{)96}$ $17\overline{)68}$

Level 4

Mastery Test

4.0703:

Find the quotients.

Halla los cocientes.

$17\overline{)102}$ $34\overline{)209}$ $23\overline{)184}$

$43\overline{)518}$ $63\overline{)445}$

Level 4
Mastery Test

4.0704:

1) Juan's mother has 93 inches of blue ribbon. How many feet is this?

La mamá de Juan tiene un listón azul de 93 pulgadas. ¿Cuántos pies de longitud mide el listón?

_____

2) Gloria has a garden with 36 plants in all. There are 9 rows. How many plants in each row?

En el jardín de Gloria hay 36 plantas, Hay 9 filas. ¿Cuántas plantas están en cada fila?

_____

Level 4
Mastery Test

4.0801:

Find the sums in simplest form.
Halla las sumas. Simplifícalas.

$$5\frac{3}{4} + 4\frac{2}{4}$$

$$6\frac{2}{3} + 3\frac{2}{3}$$

$$8\frac{1}{3} + 2\frac{2}{3}$$

$$5\frac{4}{7} + 2\frac{5}{7}$$

$$10\frac{3}{5} + 14\frac{4}{5}$$

Level 4

Mastery Test

4.0802:

Find the sums in simplest form.

Halla las sumas. Simplifícalas.

$$\begin{array}{r} \frac{1}{4} \\ +\ \frac{4}{8} \\ \hline \end{array} \qquad \begin{array}{r} \frac{3}{6} \\ +\ \frac{1}{4} \\ \hline \end{array} \qquad \begin{array}{r} \frac{2}{5} \\ +\ \frac{2}{10} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{12} \\ +\ \frac{2}{4} \\ \hline \end{array} \qquad \begin{array}{r} \frac{1}{3} \\ +\ \frac{2}{6} \\ \hline \end{array}$$

Level 4
Mastery Test

4.0803:

Find the sums in simplest form.

Halla las sumas. Simplifícalas.

$$7\frac{3}{4} + 3\frac{4}{8} \qquad 6\frac{2}{5} + 3\frac{1}{10} \qquad 5\frac{1}{6} + 2\frac{1}{2}$$

$$3\frac{3}{6} + 5\frac{8}{12} \qquad 12\frac{2}{8} + 5\frac{1}{4}$$

Level 4

Mastery Test

4.0901:

Find the differences. Write them in simplest form.

Halla las diferencias. Simplifícalas.

$$\begin{array}{r} \frac{6}{8} \\ -\ \frac{2}{4} \\ \hline \end{array} \qquad \begin{array}{r} \frac{4}{6} \\ -\ \frac{1}{3} \\ \hline \end{array} \qquad \begin{array}{r} \frac{3}{4} \\ -\ \frac{2}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{4}{5} \\ -\ \frac{2}{10} \\ \hline \end{array} \qquad \begin{array}{r} \frac{4}{8} \\ -\ \frac{2}{6} \\ \hline \end{array}$$

Level 4

Mastery Test

4.0902:
Find the differences. Simplify.
Halla las diferencias. Simplifícalas.

$$1\frac{1}{4} - \frac{3}{4} = \underline{\qquad}$$

$$6\frac{2}{10} - \frac{6}{10} = \underline{\qquad}$$

$$4\frac{1}{3} - \frac{2}{3} = \underline{\qquad}$$

$$7\frac{2}{12} - \frac{4}{12} = \underline{\qquad}$$

$$3\frac{1}{9} - \frac{4}{9} = \underline{\qquad}$$

Level 4
Mastery Test

4.0903:

Find the differences. Simplify./
Halla las diferencias. Simplificalas.

$$5\frac{1}{4} - 3\frac{3}{4}$$

$$7\frac{1}{6} - 6\frac{3}{6}$$

$$4\frac{2}{8} - 1\frac{4}{8}$$

$$2\frac{1}{3} - 1\frac{2}{3}$$

$$6\frac{2}{9} - 2\frac{5}{9}$$

Level 4

Mastery Test

4.1001:

Find the products.

Halla los productos.

$\frac{1}{3} \times 5 =$

$\frac{1}{4} \times 6 =$

$\frac{1}{9} \times 3 =$

$\frac{1}{10} \times 6 =$

$\frac{1}{7} \times 5 =$

Level 4
Mastery Test

4.1002

Find the products.
Halla los productos.

$\frac{1}{2} \times \frac{1}{2} =$

$\frac{1}{3} \times \frac{1}{5} =$

$\frac{1}{8} \times \frac{1}{2} =$

$\frac{1}{6} \times \frac{1}{4} =$

$\frac{1}{7} \times \frac{1}{4} =$

Level 4
Mastery Test

4.1003:

Find the products. Simplify.
Halla los productos. Simplifícalas.

$\frac{2}{3} \times \frac{2}{3} =$

$\frac{2}{5} \times \frac{4}{6} =$

$\frac{3}{4} \times \frac{2}{5} =$

$\frac{5}{6} \times \frac{2}{3} =$

$\frac{2}{4} \times \frac{2}{7} =$

Level 4
Mastery Test

4.1101:

Find the quotients. Simplify.
Halla los cocientes. Simplifícalas.

$\frac{1}{3} \div \frac{1}{2} =$

$\frac{1}{4} \div \frac{1}{4} =$

$\frac{1}{5} \div \frac{1}{4} =$

$\frac{1}{4} \div \frac{1}{5} =$

$\frac{1}{6} \div \frac{1}{3} =$

Level 4
Mastery Test

4.1102:

Find the quotients. Simplify.

Halla los cocientes. Simplifícalas.

$4 \div \frac{2}{3} =$

$2 \div \frac{1}{2} =$

$3 \div \frac{1}{9} =$

$5 \div \frac{5}{6} =$

$7 \div \frac{21}{24} =$

Level 4
Mastery Test

4.1103:

Find the quotients. Simplify.

Halla los cocientes. Simplifícalas.

$\frac{2}{5} \div \frac{2}{5} =$

$\frac{3}{4} \div \frac{2}{4} =$

$\frac{1}{2} \div \frac{2}{4} =$

$\frac{4}{6} \div \frac{4}{12} =$

$\frac{3}{8} \div \frac{6}{12} =$

Level 4
Mastery Test

4.1201:

Find the sums.

Halla las sumas.

$$\begin{array}{r} 12.2 \\ +\ 3.7 \\ \hline \end{array} \qquad \begin{array}{r} 43.4 \\ +\ 5.3 \\ \hline \end{array} \qquad \begin{array}{r} 22.8 \\ +\ 1.1 \\ \hline \end{array}$$

$$\begin{array}{r} 16.3 \\ +\ 12.6 \\ \hline \end{array} \qquad \begin{array}{r} 32.6 \\ +\ 14.1 \\ \hline \end{array}$$

Level 4
Mastery Test

4.1202:

Find the sums.

Halla las sumas.

$$\begin{array}{r} 63.8 \\ +\ 27.9 \\ \hline \end{array} \qquad \begin{array}{r} 23.7 \\ +\ 5.7 \\ \hline \end{array} \qquad \begin{array}{r} 53.6 \\ +\ 26.4 \\ \hline \end{array}$$

$$\begin{array}{r} 33.9 \\ +\ 18.4 \\ \hline \end{array} \qquad \begin{array}{r} 75.5 \\ +\ 24.5 \\ \hline \end{array}$$

Level 4
Mastery Test

4.1203:

Find the sums.

Halla las sumas.

342.14	16.06	56.05
+ 141.22	+ 50.13	+ 12.01

75.01	15.15
+ 5.02	+ 12.14

Level 4

Mastery Test

4.1204:

1) Joe walked .4 kilometers on Saturday. On Sunday he walked .7 kilometers. How far did he walk for the two days?

El sábado anduvo Jose .4 kilometros. El domingo anduvo .7 kilometros. ¿Qué distancia anduvo los dos días en total?

---

2) In January, 5.6 inches of rain fell. In December, 4.51 inches fell. How much rain fell in all?

En enero cayeron 5.6 pulgadas de lluvia. En diciembre cayeron 4.51 pulgadas de lluvia. ¿Cuántas pulgadas de lluvia cayeron en total?

Level 4
Mastery Test

4.1301:

Find the differences.

Halla las diferencias.

$$\begin{array}{r} 13.4 \\ -\ 10.3 \\ \hline \end{array} \qquad \begin{array}{r} 26.5 \\ -\ 14.4 \\ \hline \end{array} \qquad \begin{array}{r} 74.7 \\ -\ 23.2 \\ \hline \end{array}$$

$$\begin{array}{r} 56.2 \\ -\ 24.1 \\ \hline \end{array} \qquad \begin{array}{r} 73.9 \\ -\ 22.7 \\ \hline \end{array}$$

Level 4
Mastery Test

4.1302:

Find the differences.
Halla las diferencias.

$$\begin{array}{r} 37.2 \\ -\ 26.5 \\ \hline \end{array} \qquad \begin{array}{r} 29.6 \\ -\ 24.7 \\ \hline \end{array} \qquad \begin{array}{r} 35.5 \\ -\ 24.6 \\ \hline \end{array}$$

$$\begin{array}{r} 63.4 \\ -\ 45.7 \\ \hline \end{array} \qquad \begin{array}{r} 88.1 \\ -\ 9.8 \\ \hline \end{array}$$

Level 4
Mastery Test

4.1303:

1) Marco wanted to buy a game for $5.95. He saved $3.50 and his father gave him $1.75. How much more money does he need to buy the game?

Marco quiso comprar un juego a $5.95. Ahorró $3.50 y su papá le dió $1.75. ¿Cuánto dinero más necesita Marco para poder comprar el juego?

---

2) A gallon of water weights about 8.33 pounds. If you pour out 6.47 pounds of water from a gallon, how much would the water weigh that was left?

Un galón de agua pesa casi 8.33 libras. Si tiraras 6.47 libras de un galón, ¿cuánto pesaría el agua que te sobra?